



THE CHANGING TIDE

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Presented by the Santa Monica Bay Restoration Foundation
in cooperation with the Department of Boating and Waterways



Product Solutions:

Soltron

Water in your diesel a persistent problem? We were interested recently to learn of a new enzyme-based fuel treatment called Soltron™ designed to help eliminate water and the resulting contaminants from fuel systems.

A familiar problem to most boaters, water contamination in fuel encourages the growth of fuel-eating bacteria, producing a corrosive slime in fuel systems. Eventually, this can damage fuel tanks, lines, and fuel injector components. Clogged injectors cause excessive smoking and premature engine failure. By eliminating water, sludge, and bacteria from fuel, Soltron can decrease harmful exhaust emissions and actually increase fuel efficiency. For boaters battling "diesel algae", Soltron may provide an effective, non-toxic, non-chemical solution.

Currently, 80% of Southern California's fuel docks sell Soltron. According to Gary Hitch, owner of Dave's Marine Fuel in Ventura Harbor, "So many of our customers have switched to Soltron, we don't even carry the other brands. Soltron has really cleaned up the boats around here, and we are convinced it is doing good things for the ocean."

Soltron is used locally by both the Los Angeles County Sheriffs and the LAC Fire Department Lifeguards on their patrol boats. Many US Coast Guard Cutters also use Soltron, including the California based Tybee and Dorado.

Soltron is available from most fuel docks statewide and from many marine hardware stores. For more information on Soltron, or for the nearest retailer, call (888) 289-8866 or visit their website at www.solpower.com.

Fueling Up

What you should know about fuel before heading to the gas dock.

Whether you own an inboard, outboard or stern engine, your boat requires petroleum fuel to make it go. Without the locomotive power of diesel and gasoline, we'd be hopelessly landlocked!

Unfortunately, the combustion of petroleum products in our engines also releases a number of harmful pollutants into the air and water, including:

- **Hydrocarbons:** potentially toxic molecules that result when unburned fuel molecules react in the atmosphere.
- **Carbon monoxide:** a toxic, odorless gas resulting from incomplete fuel combustion.
- **PAHs:** the heavier toxic compounds left after lighter compounds in fuel and oil evaporate.

These compounds can remain in the environment for a long time, and can be toxic (*poisonous*) or carcinogenic (*cancer-causing*) to humans and animals.

Recreational boat users can leave these harmful diesel and gasoline byproducts in our lakes, rivers and oceans through:

(1) **fuel spills and leaks**, and (2)

fuel emissions. Most fuel spills occur when air trapped in the fuel fill line causes a burp, sending fuel back up the inlet, and into the water.

When gasoline spills, about 60% of the slick evaporates into the atmosphere, contributing to the smog we all ultimately breathe in. The remaining 40% stays in the water. Fuel emissions can also introduce harmful chemicals into waterways. The oily sheen you might see after start-up is really no different from the slick you see after a spill.



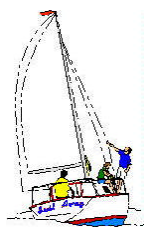
So what can you do?

One of the best ways to reduce the amount of fuel entering local waters is to maintain your engine regularly. Check your fuel lines for leaks (not only for the health of our waterways, but for your own safety!) and make sure (if you have a carburetor) that you are not running too rich. A well cared for engine will be less prone to leak oil, require less fuel, and produce fewer harmful emissions.



For more tips on how to prevent fuel spills and reduce fuel emissions, see *Tidebits* on the back page of this issue, or visit us on the web at www.smbay.org.

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The SMBRP/F, CIWMB, and CDBW, together with California's recreational boating community, are working to improve the health and quality of our state's waterways. We believe that together, we can all make a difference.

The Central Coast CCBN

Get out your compass and maps... the California Clean Boating Network (CCBN) is charting a new course! Save Our Shores and the Community Environmental Council are pleased to announce the formation of a new Central Coast Chapter. The recent proliferation of harbor programs in the Central Coast region has created a need for new networking, peer review and information exchange forums. This new chapter is funded by a grant from the California Integrated Waste Management Board.

The purpose of the CCBN is to improve communication and coordination between harbor stakeholders and pollution prevention educators in California. Examples of CCBN activities designed to support this purpose include:

- Identifying funding sources for harbor and boater pollution reduction projects;
- Providing an opportunity for cooperation on harbor-based programs;
- Encouraging peer review and feedback on proposed projects;
- Assisting in the dissemination of materials;
- Creating a forum to evaluate the impact of current educational efforts;
- Reviewing existing programs and identifying where additional effort is needed; and
- Developing a strategy to implement these additional efforts.

So set your sails and join them for their first chapter meeting! The kick-off meeting will be held the April 12th in Santa Cruz Harbor.

Kick-Off Meeting:

April 12, 200 at Santa Cruz Harbor

If you have any questions or would like to join the Central Coast Chapter, please contact Sara Fritz, SOS Outreach Coordinator at (831) 462-5660 ext. 22 or Leslie Meyer, CEC Pollution Prevention Coordinator at (805) 963-0583 ext. 133



Dollar Update

The Latest Scoop on Poop...
Re-authorization of the Clean Vessel Act

In 1992, Congress authorized the Clean Vessel Act (CVA) to help reduce pollution from vessel sewage discharges into U.S. waters. Funds through the CVA are provided annually to participating states. In 2001, the California Department of Boating and Waterways will use its funding to implement a statewide media campaign, increase education and outreach efforts, and install new or re-constructed sewage pumpout stations.

As part of that program, the SMBRF will continue to educate local boaters about sewage discharge issues.

Staying on Target

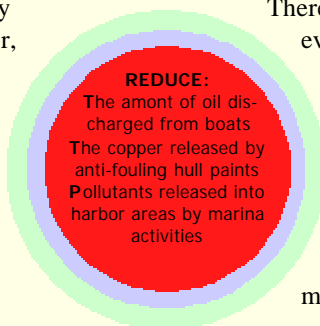
The Santa Monica Bay Restoration Foundation introduces two new boating outreach programs, continuing its commitment to pollution prevention in the Southern California boating community.

Keeping Oil Out

The SMBRF is riding the wave (of the future) in used oil recycling for the boating community. We are planning to implement a bilge pad exchange program in four key areas for Southern California (Marina del Rey harbor, Redondo Beach harbor, Los Angeles harbor, and Castaic Lake). By following the lead of Ventura and Orange counties--who have implemented programs in Ventura, Channel Islands and Dana Point harbors--we hope to reduce the amount of oily bilge water in the Los Angeles area.

This program is funded with a 4th Cycle Non-profit Used Oil Grant from the California Integrated Waste Management Board and will begin in April 2001. Two other program components are the creation of materials to continue outreach and the promotion of re-refined oil.

For more information, please contact Carrie Katsumata at ckatsuma@rb4.swrcb.ca.gov



THE BULLS EYE

Program Target Points

Cleaner Marinas

You've seen one. You've probably even purchased one. They're certified products, and they're everywhere.

There's 100% cotton, 100% Florida orange juice, and even 100% California cheese. Soon, thanks to a grant from the State Water Resources Control Board's 319h Grant Program, you'll even be able to find a 100% green in-water hull cleaner.

In April, the SMBRF will begin work on a program to certify marina and boat maintenance service providers who commit to using environmentally friendly maintenance practices. The program will provide participating businesses with a "Green Certification" for use in their advertising efforts. The program will also ask boaters and consumers to look for the logo when making purchase decisions.

For more information, please contact Miwa Tamanaha at (213) 576-6648 or via e-mail at mtamanah@rb4.swrcb.ca.gov.

DESTINATION SERIES

Have Boat, Will Cruise.

Newport Beach Harbor

Newport Beach is just the type of place Robin Leach would have visited on his television show "Lifestyles of the Rich and Famous." With its million dollar mansions, upscale fashion boutiques and trendy enclaves, this glitzy Southern California beach town is a fabulous place to visit for a weekend or longer. And, as luck would have it, Newport Beach Harbor is located right in the heart of all the action.

The harbor, nestled between Pacific Coast Highway and Balboa Peninsula, has two islands and is adjacent to lots of great restaurants, dance clubs, theaters and novelty shops (making it a great place to cruise and recreate). All of the activities that can be enjoyed here are in or near the harbor, most of them within easy walking, biking or taxi distance from any harbor slip. Here is just a sample of the places worth visiting in Newport Beach.

Lido Marina Village

Located at the northern end of the harbor, Lido Marina Village's cobblestone streets and sidewalk cafes provide a quaint

atmosphere for relaxing. And, when you're ready to shop, its open-air marketplace and village boutiques offer a nice selection of jewelry and fine clothing.

Cannery Village

This area is named after the historic *Western Canner's Company*. For the evening adventurer, a few night/dance clubs in the Cannery Village and Lido Marina areas make this a fun place to go out after dinner.

Balboa Island

Balboa Island is located just inside the entrance to the harbor. Boaters can walk its perimeter as part of an afternoon stroll while enjoying a glimpse of its tree-lined streets and beautiful waterfront homes. There are also more than 70 shops, restaurants and galleries worth visiting while on the island.

The Balboa Peninsula

Connected by a ferry to Balboa Island, this peninsula and amusement center is a place for the entire family to enjoy. It boasts a waterside ferris wheel, merry-go-round, bumper cars and arcade. Visitors can also rent bicycles or skates to cruise along Newport's spectacular beach board-

walk where they'll be sure to find great clam chowder, "rad" surf shops and beautiful sunsets.

Fashion Island

Fashion Island is not really an island at all, but rather an oasis for serious shoppers. This outdoor shopping center is located just east of Pacific Coast Highway, about 3-5 minutes by taxi. The center has more than 240 shops and restaurants, including a Hard Rock cafe, a Farmers Market and a 7-screen movie theater.

Depending on the time of year you plan to visit Newport Beach Harbor, there are a number of local festivities for the tourist in port. Examples include the 4th of July fireworks extravaganza, Christmas Boat Parade, Balboa Arts and Music Festival, and Duffy's Electric Boat Rally. Ask the Harbor Patrol for more information when you arrive or visit one of the websites listed below.

Newport Harbor: Vital Stats

Most marinas here are privately owned, although the Orange County Harbor Patrol maintains all moorings and a few guest slips. A handful of the Harbor's private marinas do rent vacant slips to transient boaters. Their rates and maximum length of stay vary. Contact the County Harbor Patrol or any of these marina companies for more information about reserving a slip before you depart.

- 1) Orange County Harbor Patrol
(949) 723-1002
- 2) The California Recreation Company
(949) 644-9730.
- 3) Lido Peninsula Marina
(949) 673-9330.
- 4) Newport Dunes Marina
(949) 729-1100

We also suggest visiting these websites for more information on what to do in and around the harbor:

www.city.newport-beach.ca.us
www.sailorschoice.com



SANTA BARBARA, VENTURA, LOS ANGELES & ORANGE COUNTIES

tidebits

Did you know?

A few simple things you can do to reduce fuel exhaust/emissions and prevent fuel spills from your boat:

- Reduce the exhaust from your boat by using the right octane fuel, and by always using the correct gas/oil mixture (for outboards).
- When filling your tank, be careful not to spill. Catch any fuel splashing from the air vent with a rag or a no-spill guard.
- Use an absorbent pad in your bilge to prevent oily bilge water from discharging overboard. These pads are available at almost any marine supply store.
- Use a biodegradable TCW-3 motor oil in your outboard motor.

CALENDAR OF EVENTS

Dockwalkers Come join the team! The Boating Clean and Green Campaign of the California Coastal Commission, in partnership with the US Coast Guard Auxiliary, the CA Integrated Waste Management Board, and local program partners presents: DOCKWALKER TRAINING. Dockwalkers exert "pier pressure" by visiting boaters on the docks and at launch ramps, educating boaters about environmentally sound boating and providing educational information.

*All trainings will be held on Saturdays from 8:45am-12:30pm.
You must register to attend.*

April 21	Newport, Newport Nautical Museum
April 28	Santa Barbara, Santa Barbara Harbor
May 12	San Diego, location to be announced
June 2	Alameda, Building 16, Coast Guard Island



For information or registration, visit the website at www.coastal.ca.gov/ccbn/ccbndx.html or contact Miriam Gordon, (415) 904-5214, mgordon@coastal.ca.gov



Pumpout Station Map Debut The Department of Boating and Waterways recently added sewage pumpout station maps to their webpage. You can find these maps at www.dbw.ca.gov/pump24.



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